

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 413 410 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention
of the grant of the patent:
06.07.2005 Bulletin 2005/27

(51) Int Cl.7: **B27L 11/02, B23Q 3/155**

(21) Application number: **03256191.2**

(22) Date of filing: **01.10.2003**

(54) **Ring slicer assembly**

Zerkleinerungsmaschine mit rotierendem Messerkranz

Déchiquteuse à couronne rotative

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT RO SE SI SK TR**

(30) Priority: **25.10.2002 US 280278**

(43) Date of publication of application:
28.04.2004 Bulletin 2004/18

(60) Divisional application:
04025964.0 / 1 510 308

(73) Proprietor: **Key Knife, Inc.**
Tualatin, Oregon 97062 (US)

(72) Inventor: **Stager R Bradley**
Beaverton Oregon 97008 (US)

(74) Representative: **Lawrence, Malcolm Graham et al**
HLBBshaw
Merlin House
Falconry Court
Baker's Lane
Epping Essex CM16 5DQ (GB)

(56) References cited:

DE-A- 1 653 122	DE-A- 1 926 777
DE-B- 1 214 862	US-A- 3 322 175
US-A- 3 941 319	US-A- 5 217 424
US-A- 5 485 873	US-A- 5 937 923

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 1 413 410 B1



**Europäisches
Patentamt**

**European
Patent Office**

**Office européen
des brevets**

7-13-05 402

Urkunde Certificate Certificat

Es wird hiermit bescheinigt, daß für die in der beigefügten Patentschrift beschriebene Erfindung ein europäisches Patent für die in der Patentschrift bezeichneten Vertragsstaaten erteilt worden ist.

It is hereby certified that a European patent has been granted in respect of the invention described in the annexed patent specification for the Contracting States designated in the specification.

Il est certifié qu'un brevet européen a été délivré pour l'invention décrite dans le fascicule de brevet ci-joint, pour les Etats contractants désignés dans le fascicule de brevet.

Europäisches Patent Nr.

European Patent No.

Brevet européen n°

1413410

Patentinhaber

Proprietor of the Patent

Titulaire du brevet

Key Knife, Inc.
19100 S.W. 125th Court
Tualatin,
Oregon 97062/US

Alain Pompidou

München, den
Munich,
Fait à Munich, le

06.07.05

Präsident des Europäischen Patentamts
President of the European Patent Office
Président de l'Office européen des brevets